



Heat pumps
Cooling and heating



PEP
eco
PASS
PORT



WELLEA SPLIT
IDU R410A



WELLEA SPLIT
IDU R32



WELLEA
ODU 4-8kW



WELLEA
ODU 10-16kW

+ PRODUCTS

- Available with R32 from 4 to 10 kW and R410A from 12 to 16 kW
- Refrigerant connections; no need for antifreeze protection
- Compact indoor and outdoor unit
- Compatible with all types of emitter

FEATURES



PROGRAMMABLE
TIMER



WEEK TIMER



REMOTE CONTROL
LOCK



UNIT ON OUTPUT



HEATING MODE
OPERATIONAL DOWN
TO -25°C OUTDOORS



HIGH TEMPERATURE
UP TO 60°C



FLOOR HEATING



HIGH-TEMPERATURE
RADIATOR



LOW-TEMPERATURE
RADIATOR



BOILER REPLACEMENT



BOILER BACK-UP



WATER PROGRAMS



CEE

THE «SUSTAINABLE DEVELOPMENT»

→ High energy class A+++

THE «USER»

- Compatible with all emitters
- Great flexibility of use
- Perfect for replacing an oil or gas burner

THE «INSTALLER»

→ Customisable water program, allowing the entire heating circuit to be managed using the many available connections

THE «TECHNOLOGY»

- Operates at outdoor temperatures down to -25°C
- HP Keymark certified

ECONOMIC: HOT SANITARY WATER THANKS TO SOLAR ENERGY

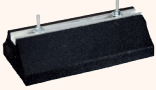


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WELLEA SPLIT TECHNICAL DATA

Outdoor unit			AW-YHPS 04-H91	AW-YHPS 06-H91	AW-YHPS 08-H91	AW-YHPS 10-H91	PAC-BT- UE-12 kW- H11	PAC-BT- UE-12 kW- H13	PAC-BT- UE-14 kW- H11	PAC-BT- UE-14 kW- H13	PAC-BT- UE-16 kW- H11	PAC-BT- UE-16 kW- H13
Part number			7HP061060	7HP061061	7HP061062	7HP061063	7HP061030	7HP061029	7HP061032	7HP061031	7HP061034	7HP061033
Phase			Single phase	Single phase	Single phase	Single phase	Single phase	Three phase	Single phase	Three phase	Single phase	Three phase
HEATING MODE												
Air +7 °C Water 30/35 °C	Heating capacity	kW	4.49	6.32	8.37	10.26	12.35	12.16	14.48	14.16	15.63	15.77
	Power input	kW	0.90	1.32	1.72	2.19	2.71	2.54	3.49	2.91	3.75	3.28
	COP		5.01	4.79	4.87	4.68	4.56	4.79	4.15	4.87	4.17	4.81
Air -7 °C Water 30/35 °C	Heating capacity	kW	4.59	5.55	6.46	8.02	9.87	9.76	10.92	11.32	12.08	12.06
	Power input	kW	1.50	1.91	2.13	2.69	3.47	3.32	4.01	3.90	4.47	4.14
	COP		3.07	2.90	3.04	2.98	2.84	2.94	2.72	2.90	2.70	2.91
Air +7 °C Water 40/45 °C	Heating capacity	kW	4.14	6.09	8.02	10.30	12.26	12.22	15.05	14.64	15.48	16.44
	Power input	kW	1.12	1.66	2.10	2.81	3.40	3.35	4.40	3.86	4.81	4.42
	COP		3.70	3.66	3.82	3.67	3.61	3.65	3.42	3.79	3.22	3.72
Air +7 °C Water 47/55 °C	Heating capacity	kW	4.09	5.76	7.60	9.43	11.60		13.50		14.90	
	Power input	kW	1.44	1.93	2.44	3.14	4.08		4.26		4.67	
	COP		2.84	2.98	3.11	3.00	2.84		3.17		3.19	
COOLING MODE												
Air 35 °C Water 12/7 °C	Cooling capacity	kW	4.56	6.17	7.39	9.06	11.27	11.34	12.94	14.15	13.29	15.53
	Power input	kW	1.31	1.92	2.37	3.01	4.33	4.25	5.33	5.14	5.63	5.71
	EER		3.49	3.21	3.12	3.01	2.60	2.67	2.43	2.75	2.36	2.72
Air 35 °C Water 23/18 °C	Cooling capacity	kW	4.63	6.79	8.53	9.73	11.74	11.39	13.64	14.34	14.38	15.40
	Power input	kW	0.89	1.32	1.71	2.00	2.73	2.59	3.43	3.10	3.71	3.56
	EER		5.21	5.14	5.00	4.87	4.30	4.40	3.98	4.63	3.88	4.33
PERFORMANCES												
Energy label (average climate)	Water outlet to 35 °C	class	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
	Water outlet to 55 °C	class	A++	A++	A++	A++	A++	A++	A+	A++	A+	A++
SCOP (average climate)	Water outlet to 35 °C		4.76	4.89	4.96	5.04	4.46	4.48	4.01	4.23	4.02	4.30
	Water outlet to 55 °C		3.37	3.37	3.40	3.56	3.30	3.31	3.11	3.36	3.06	3.39
Sound power level		dB(A)	61	62	63	65	69		70		70	
OPERATING LIMITS												
Outdoor temperature	Cooling	°C	-5/53				-5/46					
	Heating	°C	-25/36				-20/35					
	DHW	°C	-25/43				-20/43					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220- 240V/50Hz	3P/380- 415V/50Hz	1P/220- 240V/50Hz	3P/380- 415V/50Hz	1P/220- 240V/50Hz	3P/380- 415V/50Hz
Max. current		A	11.30		16.70		31.1	9.00	32.3	11.00	35.1	11.5
INSTALLATION & OTHERS												
Airflow		m³/h	2860		4750		6250					
Refrigerant	Type/GWP		R32/675				R410A/2088					
	Charge	kg	1.55		1.65		3.9	4.2	3.9	4.2	3.9	4.2
	Additionnal charge	g/m	20		38		54					
Outline dimensions (WxHxD)		mm	960x860x380		1075x965x395		900x1327x400					
Package dimensions (WxHxD)		mm	1040x1000x430		1120x1100x435		1030x1457x435					
Net weight/Gross weight		kg	57/68		67/79		99/112	115/126	99/112	115/126	99/112	115/126
Pipe diameter (liquid - gas)		inches	1/4"-5/8"		3/8"-5/8"		3/8"-5/8"					
INDOOR UNIT DATA												
Indoor unit			AW-WHPS0406-N91		AW-WHPS0810-N91		PAC-BT-UI-10-16kW-H11					
Part number			7HP010010		7HP010011		7HP010008					
Phase			Single phase		Single phase		Single phase					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz		1P/220-240V/50Hz		1P/220-240V/50Hz					
Max. current		A	1.30		1.30		1.10					
INSTALLATION & OTHERS												
Outline dimensions (WxHxD)		mm	400x850x427				462x700x316					
Net weight/Gross weight		kg	47/53				50/51					

ALL HEAT PUMPS ACCESSORIES

PART NUMBER	NAME	FUNCTION
(included)	Y-shape filter ⓘ	Protect the heat pump from sludging and preserve optimum thermal exchange.
7ACFH0663	Buffer tank 140 L	It protects the heat pump against short cycles that can reduce the useful life of the compressors and improves operation during defrosting phases.
 7ACFH0666	Settling filter (pot) ⓘ	Protect the heat pump from sludging and preserve optimum thermal exchange.
 7ACTL0510	Floor support rubber recycled (pair) ⓘ Length: 1 000 mm	Necessary for a professional installation.

ⓘ Mandatory accessory.

WELLEA SPLIT ACCESSORIES

PART NUMBER	NAME	FUNCTION
 7ACFH0825	Electrical complement kit 2/4/6kW (recommended)	Allows to ensure additional heating via electrical resistance.
 7ACEL1757	Boiler backup kit	Allows to connect a boiler (fuel, gas, wood...).
7ACFH0830	Auxiliary condensate collection tray	Complementary condensate tray, to increase the maximum condensate recovery volume.
 7ACEL1732	RCW15 Thermostat (power supply mandatory)	Temperature and humidity thermostat / Remote keyboard / weekly timer.
7ACEL1733	Power supply for RCW15	Power supply kit for RCW15.
7ACFH0823	Kit bi-zone 1 temperature	Allows to manage two different zones with the same temperature.
7ACFH0824	Kit bi-zone 2 temperatures	Allows to manage two different zones with two temperatures.
7ACFH0832	300L DHW tank with coil for solar applications	DHW tank with coil for solar applications (300L).
7ACFH0834	300L DHW tank	Standard DHW tank (300L).
7ACFH0835	500L DHW tank	Standard DHW tank (500L).
7ACEL17683	DHW temperature sensor	For existing DHW tank.

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